

AMR # 4 4-93-0-E

From: Damage Control Training Team (DCTT)
To: Commanding Officer, USCGC HEALY (WAGB-20)
Subj: Drill Date: 15 July 04

Used This Drill	Prop / Simulation	Simulated Casualty
X	Black Rag	Black Smoke
	Yellow Rag	Fuel Oil Leak
	WATER BOTTLE MARKED FUEL	Spraying Fuel
X	Do not charge tags	Fire stations do not get charged in main space
X	Red flag	Fire
	CO 2 discharged	Red CO2 discharged placard
	CO2 pull stations activated	Red CO2 discharged placard
X	Can of smoke	Set off smoke detector
X	Charged tags	Plug charged

The following safety issues / simulations will **ALWAYS** be in effect onboard *HEALY*:

- A. Activation of installed CO₂ Flooding System / AFFF flooding system / Salt water flooding system.
- B. Charging of fire hoses in any machinery space.
- C. Discharge of portable fire extinguishers without specific direction from a DCTT/ECCTT member.
- D. Destructive access or clearance of equipment for simulated DC efforts.
- E. Spraying water on Helo's.
- F. Dumping the Flume Tank.

DCTT Communications: primary WIFCOM channel 4 secondary Dial phone.

DCTT Mode of training: Training

Repair locker mode of training: Graded

Risk assessment

Number _____

Green Amber Red

Plant Status: (required only if plant will be effected: main space, high voltage)

Inport	Underway	Ice	Hove-To
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MDG #1	OOC	Cyclo 1CC1	O/L	#1 MG Set	O/L	#1 F/P	S
MDG #2	O/L	Cyclo 1CC2	O/L	#2 MG Set	O/L	#2 F/P	S
MDG #3	OOC	Cyclo 2CC1	O/L	#1 SSTF	S	#3 F/P	S
MDG #4	O/L	Cyclo 2CC2	O/L	#2 SSFT	O/L		
ADG	S	Bow Thruster	S	Steering Gear	O/L		

OBJECTIVES THIS DRILL:

A. MOB-E-110 Combat a class 'B' Main Machinery Space Fire

- .3 Fight a Class Bravo fire (MOB-D-9-SF)
- .4 Evacuate space (MOB-D-9-SF)
- .5 Isolate effected space (MOB-D-9-SF)
- .6 Control smoke dispersal (MOB-D-9-SF)
- .7 Establish and maintain fire boundaries (MOB-D-9-SF)
- .8 Reenter effected space. (MOB-D-9-SF)
- .9 Conduct post fire actions (MOB-D-9-SF)

DCTT Members & Assignments:

Member Name	Assignment	Tasking Sheet
EO	Bridge	.5 , .6 , .7
EM1 [REDACTED]	Repair Locker	.5, .6 , .7
MK1 [REDACTED]	ECC/P100	.5, .9
DCC	On Scene, Instigator	.3 , .4, .8, .9
MK1 [REDACTED]	Boundaries	.6, .7
EMC	Repair electrician / H/V team	.5
DC2	On Scene Leader	.3 , .6, .8
ET1 [REDACTED]	AFT Investigator	.6, .7
1 st Lt	FWD Investigator	.6, .7
BMC	Team Leader	.3 , .8 , .9
HSC	Stretcher Bearer	As per med. Drill card

(b)(6)&(7(c))

SAFETY WALK THROUGH: Completed by ALL DCTT in perspective areas.

Complete ½ hour prior to drill.

Report to DCC [REDACTED] when walk through is complete.

Scenario:

HEALY underway in unrestricted waters. A high voltage fire is discovered on #3 MDG in engine room #1. As the EOW begins securing equipment the #8 F/O service pump shorts out in AMR #4 causing oil and fuel in the bilge to ignite into a bravo fire. The H/V fire will secure when the H/V team arrives on scene and verifies power is secured. The Bravo fire will secure when the report is received on the bridge that there is a 3-inch blanket of foam in the bilge of AMR #4. On the way to Repair 2 a random crewmember will be dropped in the P-Way outside of the laundry room suffering a fracture. 15 minutes later HSC will go back to AMR #4 and drop the #1 Nozzle man due to smoke inhalation from a malfunctioning SCBA.

Description of damage:

High voltage in #1 engine room

Bravo fire in AMR #4 lower level

Drill brief notes:

This will be an integrated drill with ETT, DCTT, and MED

ETT will run and control the High voltage fire in engine room #1. EMC will assist ETT in space when H/V team arrives.

DCTT will run the Bravo Fire in AMR #4.

The installed AFFF system will work if activated by the EOW. The fire team still must enter and complete overhaul.

Training Time Out: A training time out may be called by training team members if a situation arises that requires more time to train than allowed in the timeline. Additionally, training time out may be called if watchstander(s) is performing procedures incorrectly and corrective action and/or on scene training by the training team member will disrupt the timeline. Training time out may be called in the training team loses control of the drill.

Training Time In shall be given by the training team leader when situation is corrected or proper training has been completed.

Safety time out: Safety is the primary concern when training. A safety time out may be called by any crewmember or training team member if a watchstander places themselves or equipment in an unsafe environment or condition. In a safety time out the drill will be stopped and corrective action will be taken to correct the situation. The **Commanding Officer** has exclusive authority to restart the drill once he is satisfied that the condition to run the drill are safe.

[REDACTED], DCC

XO _____

[REDACTED], CAPT

DCTT Leaders

Commanding Officer

(b)(6)&(7)(c)

FIRE DRILL SCENARIO

ITT TIME AMR #4 4-93-0-E

CLASS OF FIRE: **Bravo**
DISCLOSURE METHOD: **Black Flag, Red flag, Can of smoke**
DCTT: **DCC**

SCBA'S **WILL** / WILL NOT **BE ACTIVATED.**
POSITIONS ASSIGNED TO ACTIVATE: **All required**
DISCLOSURE METHOD: **Actual**
DCTT: **All**

HOSE TEAM RELIEFS: **AS REQUIRED** / NOT REQUIRED
SCBA CHANGE-OUT STATION(S): **Messdeck**
DCTT: **All**

EGRESS OF AREA:
EEBD / SEED **IS** / IS NOT **REQUIRED.**
TRAINER / ACTUAL EEBD/SEED WILL BE USED.
DISCLOSURE METHOD: **Actual**
DCTT: **DCC**

FIRE FIGHTING ENSEMBLE:
WILL BE DONNED / WILL NOT BE DONNED / DON THEN DOFF
DCTT: **All**

RAPID RESPONSE TEAM:
EXTINGUISHES FIRE / CONTAINS FIRE / **GQ REQUIRED**
DCTT: _____

FIREHOSE
DRY / CHARGED & SECURED AT THE PLUG BY DCTT
DISCLOSURE METHOD: **Charged tags**
DCTT: **All**

ELECTRICAL ISOLATION:
SIMULATE / SECURE POWER / EXCEPTION OF _____
LOCATION OF SOURCE: _____
DISCLOSURE METHOD: _____
DCTT: **EMC**

N/A MECHANICAL ISOLATION: (IF REQUIRED)
SYSTEMS ISOLATED: _____
ACTUAL / SIMULATED / EXCEPTION OF _____
VALVE(S) NUMBERS: _____
ACTUAL / SIMULATED / EXCEPTION OF _____
METHOD OF DISCLOSURE: _____
DCTT: _____

BOUNDARY HOSE:
DRY / **CHARGED & SECURED AT THE PLUG BY DCTT**
METHOD OF DISCLOSURE: **Charged tag**
DCTT: **MK1** ██████████

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____ FIRE BOUNDARIES REQUIRED AT:
ABOVE: AMR #5 HOT / **COLD** BELOW: N/A HOT / **COLD**
PRI FWD: 63 HOT / **COLD** PRI AFT: 75 HOT / **COLD**
SEC FWD: 48 HOT / **COLD** SEC AFT: 84 HOT / **COLD**
PORT: N/A HOT / **COLD** STBD: N/A HOT / **COLD**
METHOD OF DISCLOSURE: **No bubble wrap**
DCTT: _____

N/A FIRE WILL SPREAD AFTER ____ MINUTES TO THE FOLLOWING SPACE(S):

METHOD OF DISCLOSURE: _____
DCTT: _____

____ SMOKE BOUNDARIES REQUIRED AT: **Same as fire boundaries**
PRI FWD: _____ PRI AFT: _____
SEC FWD: _____ SEC AFT: _____
SMOKE CURTAINS AND BLANKETS REQUIRED: _____
METHOD OF DISCLOSURE: _____
DCTT: _____

____ SPACE ACCESS:
INITIAL ACCESS / ALTERNATE ACCESS
INACCESSIBLE FITTING(S): **none**
ACCESS EQUIPMENT REQUIRED / **NOT REQUIRED**
METHOD OF DISCLOSURE: **no red hand**
DCTT: _____

____ FIRE ATTACK:
DIRECT / FOG ATTACK / INDIRECT ATTACK
METHOD OF DISCLOSURE: _____
DCTT: _____

____ ACTIVE DESMOKING: REQUIRED / **NOT REQUIRED**
EXHAUST FAN: REQUIRED / NOT REQUIRED AT ACCESS: _____
ROUTE TO BE USED: _____
MAKE UP AIR ROUTE: _____
METHOD OF DISCLOSURE: _____
DCTT: _____

____ FIRE CONTAINED:
METHOD OF DISCLOSURE: **Red/ black flag at waist level**
DCTT: **DC** XXXXXXXXXX

____ FIRE OUT:
METHOD OF DISCLOSURE: **Red/ black flag out of sight**
DCTT: **DC** XXXXXXXXXX

____ OVERHAUL OF FIRE:
NUMBER OF HOT SPOTS: **none**
EQUIPMENT REQUIRED: **none**
METHOD OF DISCLOSURE:
DCTT: _____

(b)(6)&(7)(c)

_____ AFFF FIGHTING WATER IN THE BILGE:
 HOW MUCH: _____
 METHOD OF DEWATERING: _____
 METHOD OF DISCLOSURE: _____
 DCTT: _____

_____ SPACE DESMOKING:
 EQUIPMENT: _____
 ROUTE: _____
 METHOD OF DISCLOSURE: _____
 DCTT: _____

_____ ATMOSPHERIC TESTING:
 O2 % _____ DISCLOSURE: _____ ACTUAL / SIMULATED
 EXP % _____ DISCLOSURE: _____ ACTUAL / SIMULATED
 T = _____ PEL DISCLOSURE: _____ ACTUAL / SIMULATED
 DCTT: _____

AMPLIFYING INSTRUCTIONS:

Risk assessment sheet

Evolution:

0- No Risk

10- Max Risk

Planning (Definition, Scope): _____

Supervision (Direct, Level): _____

Crew Selection (Quals): _____

Crew Fitness (Fatigue, Ect.): _____

Environment (Night/Day, Weather, Conflicts): _____

Evolution Complexity (Location, Length): _____

Equipment: _____

Total: _____

Risk Level:

0-25	Low Risk	Green
26-52	Med Risk/ Benefits	Yellow
53-70	High Risk/ Benefits	Red